

[FIG.1]

CODE MULTIPLEXING NUMBER

11 SPREADING SECTION

16 GI ADDITION SECTION

5 17 TRANSMISSION RF SECTION

23 WEIGHTING FACTOR CALCULATION SECTION

22 CHANNEL INFORMATION DETECTION SECTION

21 CONTROL CHANNEL RECEPTION SECTION

20 RECEPTION RF SECTION

10

[FIG.2]

32 RECEPTION RF SECTION

33 GI ELIMINATION SECTION

38 DESPREADING SECTION

15 36 EGC COEFFICIENT CALCULATION SECTION

35 CHANNEL ESTIMATION SECTION

39 CONTROL CHANNEL TRANSMISSION SECTION

40 TRANSMISSION RF SECTION

20 [FIG.3]

SUBCARRIER

CHANNEL ESTIMATION VALUE

USE RECIPROCAL OF CHANNEL ESTIMATION VALUE AS WEIGHTING
FACTOR

25 SUBCARRIER

WEIGHTING FACTOR

[FIG.4]

TRANSMIT POWER
SPREADING CODE #D
SPREADING CODE #C
SPREADING CODE #B
5 SPREADING CODE #A
FREQUENCY

[FIG.5]

100 TRANSMISSION APPARATUS
10 200 RECEPTION APPARATUS
300 RECEPTION APPARATUS

[FIG.6]

CODE MULTIPLEXING NUMBER
15 111 SPREADING SECTION
116 GI ADDITION SECTION
117 TRANSMISSION RF SECTION
123 WEIGHTING FACTOR CALCULATION SECTION
105 SPREADING CODE DETERMINING SECTION
20 122 CHANNEL INFORMATION DETECTION SECTION
121-1, 121-2 CONTROL CHANNEL RECEPTION SECTION
120 RECEPTION RF SECTION

[FIG.7]

25 232 RECEPTION RF SECTION
233 GI ELIMINATION SECTION
238 DESPREADING SECTION
236 MRC COEFFICIENT CALCULATION SECTION

235 CHANNEL ESTIMATION SECTION

239 CONTROL CHANNEL TRANSMISSION SECTION

240 TRANSMISSION RF SECTION

5 [FIG.8]

SUBCARRIER

CODE #A

CODE #B

CODE #C

10 CODE #D

[FIG.9]

TRANSMIT POWER

SPREADING CODE #D

15 SPREADING CODE #C

SPREADING CODE #B

SPREADING CODE #A

FREQUENCY